

*REMARKS/ARGUMENTS*

*The Pending Claims*

Claims 1, 2, 9, 13, 23, and 42-57 are pending. The pending claims are directed to an isolated or purified nucleic acid molecule that encodes a polypeptide comprising SEQ ID NO: 2, and methods relating thereto.

*The Amendments to the Claims*

Claim 23 has been amended to delete reference to detecting a predisposition of cancer. Accordingly, no new matter has been added by way of this amendment.

*The Office Action*

The Office Action rejects claims 23 and 44-57 under 35 U.S.C. § 112, first paragraph, as allegedly lacking enablement. Claims 1, 2, 9, 13, 42, and 43 are in condition for allowance. Although the Office Action indicates that claims 50-57 are rejected for lack of enablement, Examiner Gussow confirmed via telephone that claims 50-57 should not have been subject to the enablement rejection, which will be withdrawn as to those claims. As no other rejections were presented, Applicants understand that claims 50-57 also are in condition for allowance.

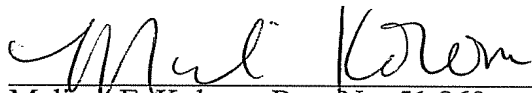
*Discussion of Enablement Rejection*

According to the Office Action, claim 23 is enabled for a method of diagnosing a cancer, but not a predisposition to cancer. Applicants' disagree with the enablement rejection. Nevertheless, claim 23 has been amended to delete reference to detecting a predisposition to cancer in order to expedite prosecution. Accordingly, the Section 112, first paragraph, rejection should be withdrawn.

*Conclusion*

Applicants respectfully submit that the patent application is in condition for allowance. If, in the opinion of the Examiner, a telephone conference would expedite the prosecution of the subject application, the Examiner is invited to call the undersigned agent.

Respectfully submitted,

A handwritten signature in cursive script, reading "Melissa E. Kolom".

---

Melissa E. Kolom, Reg. No. 51,860  
LEYDIG, VOIT & MAYER, LTD.  
Two Prudential Plaza, Suite 4900  
180 North Stetson Avenue  
Chicago, Illinois 60601-6731  
(312) 616-5600 (telephone)  
(312) 616-5700 (facsimile)

Date: December 6, 2007